

MD 175 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

LARK BROWN ROAD

EXISTING LED SIGNALS

1-3 4-14
R Y
G
12" 12"

a, b, c, d
EXISTING VIDEO
DETECTION

PROPOSED SIGNALS

15, 16
Y
12" LED

PROPOSED SIGNS

29
W3-3
(48" x 48")

EXISTING SIGNS

17
NORTH
MARYLAND
108

18, 19,
23, 24, 25
ONLY

20
Waterloo RD

21
WEST
MARYLAND
175

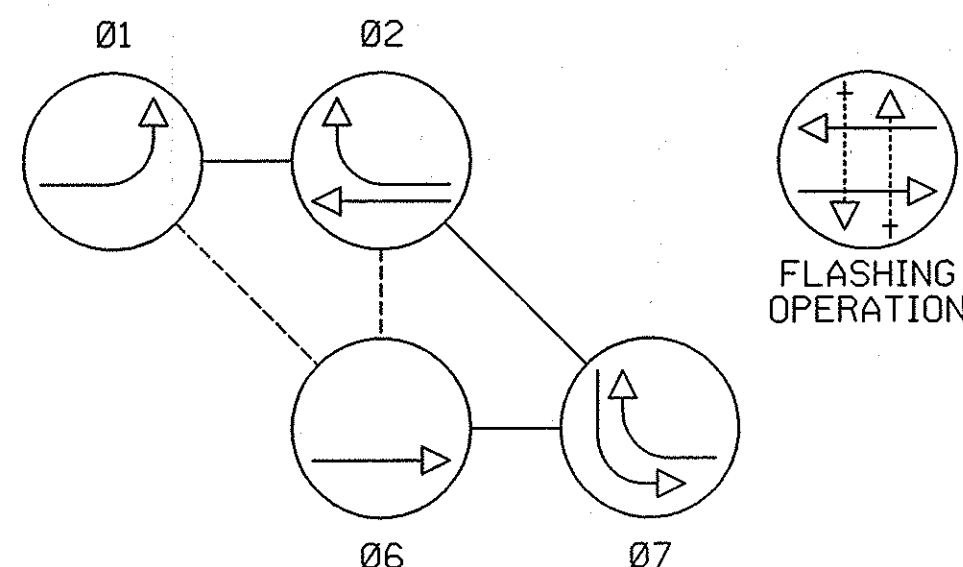
22
EAST
MARYLAND
175

26
Rouse Pkwy

27
EAST
MARYLAND
175
SNOW
EMERGENCY
ROUTE

28
WEST
MARYLAND
108

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE
WILL OPERATE CONCURRENTLY. PHASES
ASSOCIATED BY A SOLID LINE WILL NOT
OPERATE CONCURRENTLY.

TO COL. GATEWAY DR.

MD 175

MD 175

CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 60 FT. MAST ARM (CUT TO 50 FT.), TRAFFIC SIGNAL HEADS AND SIGN (INSTALL 1-3 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- INSTALL HANDHOLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- USE EXISTING BASE MOUNTED CONTROLLER AND CABINET.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.

GENERAL NOTES

- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
- THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.

TOD NO: XX424-01
SHA NO: HO41A51/B51
MD 175 @ MD 108

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION



MD 175 AND MD 108

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE 6/2/02 CONTRACT NO. HO-433X-775

DESIGNED BY BILL RICHARDSON COUNTY HOWARD
DRAWN BY BILL RICHARDSON LOGMILE 13017502.46
CHECKED BY WILLIAM FITCH
F.A.P. NO. J113
TOD NO.

TS NO. 558L DRAWING TSP-1 OF 2 SHEET NO. 1 OF 2

WR&A

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